

IN THE SPECIFICATION

On page 1, line 2 of the specification, please add the heading “BACKGROUND OF THE INVENTION” between the title “FIBER BRAGG GRATING SENSOR SYSTEM” and the heading “TECHNICAL FIELD”.

On page 1, line 3 of the specification, please delete the heading “TECHNICAL FIELD” and insert the sub-heading “1. Field of the Invention”.

On page 1, line 9 of the specification, please delete the heading “BACKGROUND ART” and insert the sub-heading “2. Description of the Related Art”.

On page 6, lines 19-23 of the specification, please delete the following heading and paragraphs:

“BRIEF DESCRIPTION OF THE DRAWINGS

Figs. 1 through 4 schematically illustrate a fiber Bragg grating sensor system according to the prior art.

Figs. 5 through 10 illustrate preferred embodiments according to the present invention.”

On page 6, line 24 of the specification, please delete the heading “DETAILED DESCRIPTION OF THE INVENTION” and insert the heading “SUMMARY OF THE INVENTION”.

On page 6, line 25 of the specification, please delete the sub-heading “Technical Subject”.

On page 7, line 1 of the specification, please delete the sub-heading “Technical Solution”.

On page 7, between lines 24 and 25 of the specification, please insert, above the sub-heading “Preferred embodiments,” the following heading and paragraphs:

“BRIEF DESCRIPTION OF THE DRAWINGS

Figs. 1 through 4 schematically illustrate a fiber Bragg grating sensor system according to the prior art.

Figs. 5 through 10 illustrate preferred embodiments according to the present invention.”

On page 7, line 25 of the specification, please delete the sub-heading “Preferred embodiments” and insert the heading “DETAILED DESCRIPTION OF EMBODIMENTS”.

On page 14, line 24 of the specification, please delete the heading “INDUSTRIAL APPLICABILITY”.